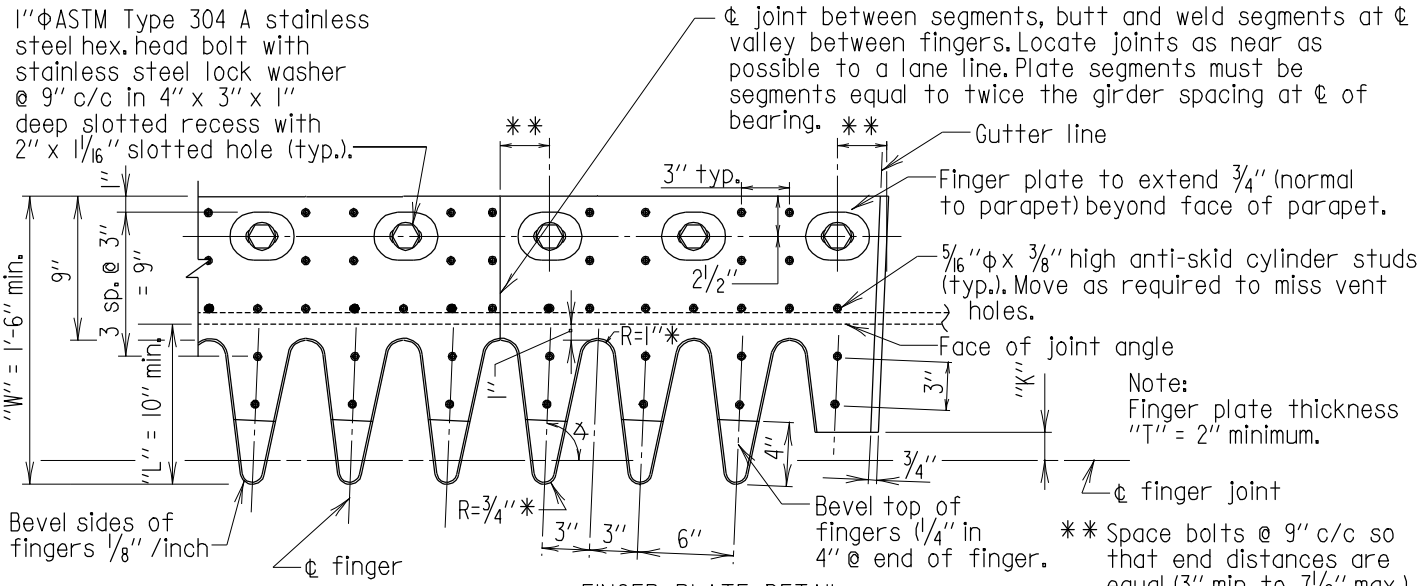
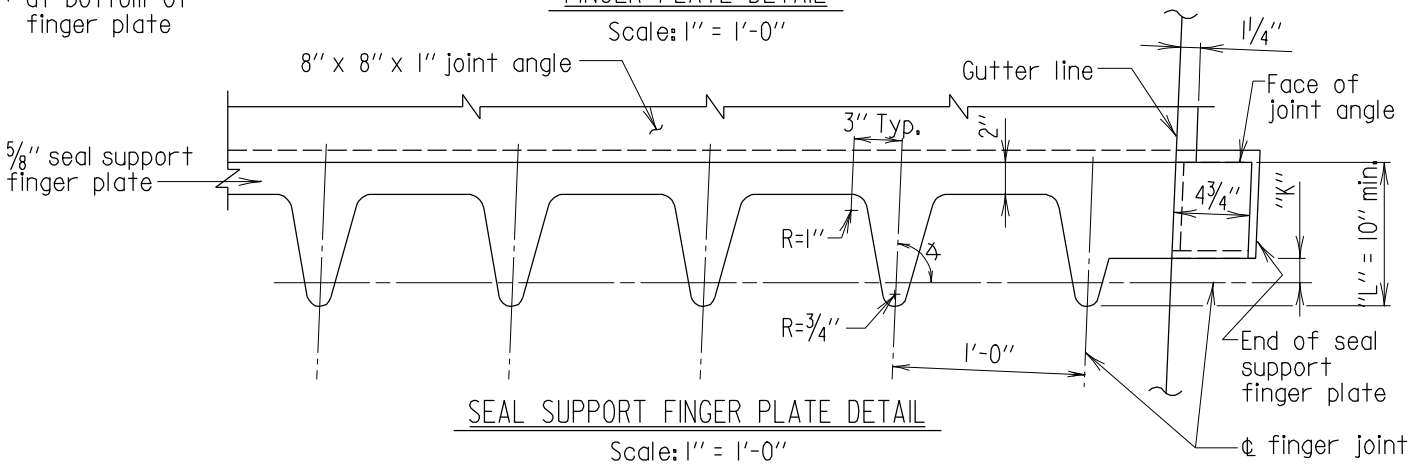


FINGER PLATE DETAIL

Scale: 1" = 1'-0"



SEAL SUPPORT FINGER PLATE DETAIL

Scale: 1" = 1'-0"

JOINT OPENING TABLE (INCHES)							
LOCATION OF JOINT		JOINT OPENING AT					
		40° F.	50° F.	60° F.	70° F.	80° F.	90° F.
	J	·	·	·	·	·	·
	K	·	·	·	·	·	·
	B	·	·	·	·	·	·

"J" = Finger plate opening along ℄ of finger (See Sheet No. 1 of 13)

"K" = Finger plate opening normal to ℄ of joint (See Sheet No. 1 of 13)

"B" = Joint opening between joint angles normal to ℄ of joint (See Sheet No. 3 of 13)

"∠" = Skew Angle of straight bridges, angle along which the bridge expands, and contracts for curved bridges.

"T" = _____

"L" = _____

"W" = _____

"∠" = _____

APPROVAL
E.S. Freedman DIRECTOR OFFICE OF BRIDGE DEVEL.
DATE: 11/17/97

REVISIONS	
SHA	FHWA
1-22-01	·
8-19-04	·
10-17-05	·
·	·

FHWA APPROVAL
DATE: ·

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF BRIDGE DEVELOPMENT

FINGER JOINT DETAILS (34" F-SHAPE PARAPET) FOR BRIDGES WITH STEEL STRINGERS WITH SKEW ANGLES BETWEEN 50° AND 90°

STANDARD NO. BR-SS(7.18)-97-321A

SHEET 13 OF 13

SUPER-ROADWAY JOINTS